

CLAIMS LISTING

1(original). A display comprising a plurality of display tiles, each tile comprising a portion to support a display region incorporating an Organic Light Emitting Device (OLED) material with a plurality of separately addressable pixel elements, wherein the 5 portion is at a tilt angle θ_c of less than 12° to the main plane of the display wherein:

$$\underline{\theta_c} = \tan^{-1} \left[\frac{\sqrt{l^2 + w^2}}{3t} \right]$$

l being the tile length, w being the tile width and t being the tile thickness.

2(currently amended). ~~A display according to Claim 1, wherein the tilt angle θ comprises A display comprising a plurality of display tiles, each tile comprising a portion to support a display region incorporating an Organic Light Emitting Device (OLED) material with a plurality of separately addressable pixel elements, wherein the portion is at a tilt angle θ to the main plane of the display comprising a compound angle θ_c , having a nonzero horizontal tilt angle θ_h and a nonzero vertical tilt angle θ_v , wherein:~~

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$$\underline{\theta_c} = \tan^{-1} \left[\frac{\sqrt{l^2 + w^2}}{3t} \right]$$

15 l being the tile length, w being the tile width and t being the tile thickness.

3(canceled).

4(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the a~~ first portion is at a compound tilt angle θ_c , which is in the range 0.5° to 12° .

5(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the a~~ first 20 portion is at a compound tilt angle θ_c , which is in the range 0.5° to 6° .

6(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the a~~ first portion is at a compound angle θ_c in the range 3.0° to 3.4° .

7(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the~~ a first portion is at a horizontal tilt angle θ_h of less than 3°.

8(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the~~ a first portion is at a vertical tilt angle θ_v of less than 3.5°.

5 9(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the~~ a first portion and the second portion of a tile are in substantially parallel planes.

10 10(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the~~ a first and second portions of a tile are in a stepped relationship.

10 11(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the~~ a first and second portions of a tile are arranged generally in a U-shape.

12(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the~~ a second portion incorporates wiring and/or electrical connections.

13(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the~~ a first portion comprises a tile to hold a glass panel of OLED panel.

15 14(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein ~~the~~ a first portion comprises a moulded holder of plastic material.

15(currently amended). A display according to ~~Claim 1~~ Claim 2 comprising heat seal means to ensure high integrity connection of the display to drive electronics.

20 16(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein the pixel elements have integral means to generate illumination.

17(currently amended). A display according to ~~Claim 1~~ Claim 2 comprising means to effect back lighting illumination of a plurality of pixel elements.

18(currently amended). A display according to ~~Claim 1~~ Claim 2 comprising a plurality of display regions, each incorporating Organic Light Emitting Device (OLED) material, each region comprising:

a. a plurality of separately addressable pixel elements; and

5 b. one or more of the display region(s) overlying a portion of one or more adjacent display region(s) wherein ~~the~~ a first portion and ~~the~~ a second portion of a tile are not in the same plane and the first portion is at a tilt angle θ to the main plane of the display for the second portion to underlie part of another tile.

19(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein one or more

10 further display regions overlie part of another display region(s).

20(currently amended). A display array according to ~~Claim 1~~ Claim 2 wherein portions of display areas which lie underneath other display areas incorporate at least one of wiring or electrical connections.

21(currently amended). A display according to ~~Claim 1~~ Claim 2 comprising a plurality

15 of display regions which overlie part of a display region of at least one of a laterally or orthogonally adjacent display region.

22(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein the display regions form a substantially continuous display surface over the array.

23(currently amended). A display according to ~~Claim 1~~ Claim 2 comprising a plurality

20 of OLED pixel array tiles.

24(cancelled).

25(currently amended). A display according to ~~Claim 1~~ Claim 2 comprising a plurality of electronic paper tiles.

26(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein a substrate comprises a passive matrix display device.

27(currently amended). A display according to ~~Claim 1~~ Claim 2 wherein the main plane of the display comprises a plane incorporating the nearest point of each OLED display first portion to an observer of the display.
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28(currently amended). A display comprising a plurality of display tiles, each of said display tiles further including:

a. a support member;

b. a printed circuit board positioned on said support member;

10 c. a panel having an OLED element operatively connected to said circuit board at a compound tilt angle θ_c to the main plane of the display for the printed circuit board to underlie part of another tile, said compound tilt angle θ_c , comprising a nonzero horizontal tilt angle θ_h and a nonzero vertical tilt angle θ_v ; and

d. wherein said display tiles are positioned in an overlapping array to form a substantially two dimensional display.
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29(new). A display comprising a plurality of display tiles forming a main plane of said display, each of said display tiles further comprising:

a. a support member;

b. an OLED element operatively connected to said support member at a compound tilt angle θ_c to said main plane of said display, said compound tilt angle θ_c , comprising a nonzero horizontal tilt angle θ_h and a nonzero vertical tilt angle θ_v ; and
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c. wherein said display tiles are positioned such that said OLED elements are an overlapping array forming a substantially two dimensional display.